

Wednesday, May 16, 2012

Attn: Mr. Darrick Jones Leggette, Brashears & Graham 6 Executive Drive Farmington CT 06030

Project ID: SATIN

Sample ID#s: BB80662 - BB80684

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #MA-CT-007 ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Standard

Rush Request:

P.O.#:

Custody Information

Laboratory Data

Collected by: Received by:

Analyzed by:

LB

see "By" below

05/03/12

Date

05/02/12

13:56 13:52

Time

SDG ID: GBB80662

Phoenix ID: BB80662

SATIN Project ID:

N-78 0-1 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	97		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1221	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1232	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1242	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1248	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1254	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1260	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1262	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1268	ND	0.33	mg/Kg	05/10/12		KCA	3540C/8082
QA/QC Surrogates							
% DCBP	90		%	05/10/12		KCA	30 - 150 %
% TCMX	73		%	05/10/12		KCA	30 - 150 %

Page 1 of 46 Ver 1 Project ID: SATIN
Client ID: N-78 0-1

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Phoenix I.D.: BB80662

Page 2 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

LB

05/02/12

Date

13:57

05/03/12

13:52

Time

see "By" below

Laboratory Data

SDG ID: GBB80662 Phoenix ID: BB80663

Project ID: SATIN

Client ID: N-78 5-6

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	59 Completed		%	05/04/12 05/07/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1221	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1232	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1242	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1248	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1254	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1260	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1262	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1268	ND	0.55	mg/Kg	05/10/12		KCA	3540C/8082
QA/QC Surrogates							
% DCBP	122		%	05/10/12		KCA	30 - 150 %
% TCMX	98		%	05/10/12		KCA	30 - 150 %

Page 3 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80663
Client ID: N-78 5-6

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 4 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Client ID:

<u>Custody Information</u>

Collected by: Received by:

Analyzed by:

LB see "By" below 05/02/12 05/03/12

Date

12:58 13:52

Time

Laboratory Data

SDG ID: GBB80662 Phoenix ID: BB80664

Project ID: SATIN

N-78 6-7

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	62		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	05/10/12		M/K	30 - 150 %
% TCMX	88		%	05/10/12		M/K	30 - 150 %

Page 5 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80664

Client ID: N-78 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 6 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

LB

05/02/12 05/03/12

Date

13:20 13:52

Time

see "By" below

Laboratory Data

SDG ID: GBB80662

Phoenix ID: BB80665

SATIN Project ID: N-68 0-1 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
TPH by GC (Extractable P	roducts)						
Ext. Petroleum HC	1500	110	mg/Kg	05/10/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/10/12		JRB	CT ETPH/8015
OA/OC Surrogates							
% n-Pentacosane	Diluted Out		%	05/10/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
OA/QC Surrogates							
% DCBP	60		%	05/10/12		M/K	30 - 150 %
% TCMX	44		%	05/10/12		M/K	30 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	1.3	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	1.3	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	15	1.3	mg/Kg	05/10/12		DD	SW 8270
	•	Dogo 7 of	46			•	Vor 1

Ver 1 Page 7 of 46

Project ID: SATIN Phoenix I.D.: BB80665
Client ID: N-68 0-1

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	11	1.3	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	46	1.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	53	1.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	76	1.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	13	1.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	21	1.3	mg/Kg	05/10/12		DD	SW 8270
Chrysene	40	1.3	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	4.5	1.3	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	68	1.3	mg/Kg	05/10/12		DD	SW 8270
Fluorene	2.5	1.3	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	13	1.3	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	1.3	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	26	1.3	mg/Kg	05/10/12		DD	SW 8270
Pyrene	60	1.3	mg/Kg	05/10/12		DD	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	77		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	86		%	05/10/12		DD	30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 8 of 46 Ver 1

^{*} Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

Collected by:
Received by: LB

Analyzed by: see "By" below

Laboratory Data

Custody Information

SDG ID: GBB80662

Time

13:21

13:52

Phoenix ID: BB80666

Date

05/02/12

05/03/12

Project ID: SATIN

Client ID: N-68 5-6

Percent Solid 77	Parameter	Result	RL	Units	Date	Time	Ву	Reference
Extraction of CT ETPH Completed Completed O5/09/12 BS/F 3545 Soxhlet Extraction for PCB Completed O5/07/12 */* SW3540C TPH by GC (Extractable Products) Ext. Petroleum HC ND 13 mg/Kg 05/10/12 JRB CT ETPH/8015 Identification ND mg/Kg 05/10/12 JRB CT ETPH/8015 OA/OC Surrogates % n-Pentacosane 90 % 05/10/12 JRB 50 - 150 % PCB (Soxhlet) PCB-1016 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1221 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.51 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.5	Percent Solid	77		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB Completed	Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
TPH by GC (Extractable Products) Ext. Petroleum HC	Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Ext. Petroleum HC ND 13 mg/Kg 05/10/12 JRB CT ETPH/8015 Identification ND mg/Kg 05/10/12 JRB CT ETPH/8015 OA/OC Surrogates Where the control of the control o	Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
Mark	TPH by GC (Extractable P	roducts)						
OA/OC Surrogates % n-Pentacosane 90 % 05/10/12 JRB 50 - 150 % PCB (Soxhlet) PCB-1016 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1221 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268	Ext. Petroleum HC	ND	13	mg/Kg	05/10/12		JRB	CT ETPH/8015
PCB (Soxhlet) 90 % 05/10/12 JRB 50 - 150 % PCB (Soxhlet) PCB-1016 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1221 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M	Identification	ND		mg/Kg	05/10/12		JRB	CT ETPH/8015
PCB (Soxhlet) PCB-1016 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1221 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12	OA/QC Surrogates							
PCB-1016 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1221 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/kg 05/10/12 M/K 30 - 150 %	% n-Pentacosane	90		%	05/10/12		JRB	50 - 150 %
PCB-1221 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1269 93 % 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % % TCMX % <td< td=""><td>PCB (Soxhlet)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	PCB (Soxhlet)							
PCB-1232 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1269 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1269 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1269 ND 0.41 mg/Kg 05/10/12 M/K 30 - 150 % PCB-1269 93 M/K 05/10/12 M	PCB-1016	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 93 % 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % POlynuclear Aromatic HC 2 M/K 30 - 150 % M/K 30 - 150 % 2-Methylnaphthalene	PCB-1221	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.5/10/12 M/K 30 - 150 % 05/10/12 M/K 30 - 150 % PCB-1268 ND ND 0.3 mg/Kg 05/10/12 D/L DD SW 8270	PCB-1232	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 MOZOSurrogates V 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC V W/K 30 - 150 % 2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	PCB-1242	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 OA/OC Surrogates V 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC V 05/10/12 M/K 05/10/12 M/K 05/10/12 M/K 2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	PCB-1248	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 POA/OC Surrogates V V 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC V V 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	PCB-1254	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268 ND 0.41 mg/Kg 05/10/12 M/K 3540C/8082 OA/OC Surrogates 93 % 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC 2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	PCB-1260	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
OA/OC Surrogates % DCBP 93 % 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC 2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	PCB-1262	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
% DCBP 93 % 05/10/12 M/K 30 - 150 % % TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC V	PCB-1268	ND	0.41	mg/Kg	05/10/12		M/K	3540C/8082
% TCMX 89 % 05/10/12 M/K 30 - 150 % Polynuclear Aromatic HC 2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	OA/QC Surrogates							
Polynuclear Aromatic HC2-MethylnaphthaleneND0.3 mg/Kg05/10/12DDSW 8270AcenaphtheneND0.3 mg/Kg05/10/12DDSW 8270	% DCBP	93		%	05/10/12		M/K	30 - 150 %
2-Methylnaphthalene ND 0.3 mg/Kg 05/10/12 DD SW 8270 Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	% TCMX	89		%	05/10/12		M/K	30 - 150 %
Acenaphthene ND 0.3 mg/Kg 05/10/12 DD SW 8270	Polynuclear Aromatic HC							
	2-Methylnaphthalene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
	Acenaphthene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
	Acenaphthylene	ND	0.3		05/10/12		DD	SW 8270

Page 9 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80666

Client ID: N-68 5-6

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Chrysene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
Pyrene	ND	0.3	mg/Kg	05/10/12		DD	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	78		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	95		%	05/10/12		DD	30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 10 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

see "By" below

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request: Standard

P.O.#:

Client ID:

Custody Information

Collected by: Received by:

Analyzed by:

LB

13:10

05/03/12

Date

05/02/12

13:52

Time

Laboratory Data

SDG ID: GBB80662 Phoenix ID: BB80667

SATIN Project ID:

N-69 0-1

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	97		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	05/10/12		M/K	30 - 150 %
% TCMX	77		%	05/10/12		M/K	30 - 150 %

Page 11 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80667
Client ID: N-69 0-1

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 12 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

see "By" below

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

Project ID:

Client ID:

QA/QC Surrogates

% DCBP

% TCMX

Custody Information

Collected by: Received by:

Analyzed by:

LB

05/02/12

Date

13:11

Time

05/03/12 13:52

Phoenix ID: BB80668

M/K

M/K

30 - 150 %

30 - 150 %

Laboratory Data

SDG ID: GBB80662

57

46

SATIN N-69 1-2

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	97		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.33	mg/Kg	05/10/12		M/K	3540C/8082

Page 13 of 46 Ver 1

05/10/12

05/10/12

Project ID: SATIN
Client ID: N-69 1-2

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Phoenix I.D.: BB80668

Page 14 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

N-69 5-6

Rush Request: Standard

P.O.#:

Client ID:

Analyzed by: see "By" below

Laboratory Data

LB

Custody Information

Collected by:

Received by:

SDG ID: GBB80662

Time

13:12

13:52

Phoenix ID: BB80669

Date

05/02/12

05/03/12

Project ID: SATIN

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	62 Completed		%	05/04/12 05/07/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)						·	
PCB-1016	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.53	mg/Kg	05/10/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	85		%	05/10/12		M/K	30 - 150 %
% TCMX	83		%	05/10/12		M/K	30 - 150 %

Page 15 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80669
Client ID: N-69 5-6

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 16 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request:

P.O.#:

Custody Information

Collected by: Received by:

Laboratory Data

Analyzed by:

see "By" below

LB

05/02/12 05/03/12

Date

13:02 13:52

Time

SDG ID: GBB80662

Phoenix ID: BB80670

Standard

SATIN Project ID:

N-54 0-1 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	94 Completed		%	05/04/12 05/07/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	95		%	05/10/12		M/K	30 - 150 %
% TCMX	94		%	05/10/12		M/K	30 - 150 %

Page 17 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80670 Client ID: N-54 0-1

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 18 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Custody InformationDateCollected by:05/02/12Received by:LB05/03/12

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB80662

Time

13:03

13:52

Phoenix ID: BB80671

Project ID: SATIN

Client ID: N-54 1-2

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1260	0.73	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/09/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	80		%	05/09/12		M/K	30 - 150 %
% TCMX	76		%	05/09/12		M/K	30 - 150 %

Page 19 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80671
Client ID: N-54 1-2

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 20 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Standard

Rush Request:

P.O.#:

Custody Information Collected by:

Received by:

LB

05/02/12 05/03/12

Date

13:04 13:52

Time

see "By" below

Laboratory Data

Analyzed by:

SDG ID: GBB80662

Phoenix ID: BB80672

SATIN Project ID:

N-54 5-6 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	42 Completed		%	05/04/12 05/07/12		JL */*	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		/	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1221	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1232	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1242	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1248	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1254	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1260	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1262	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
PCB-1268	ND	0.75	mg/Kg	05/09/12		M/K	3540C/8082
QA/QC Surrogates							
% DCBP	95		%	05/09/12		M/K	30 - 150 %
% TCMX	96		%	05/09/12		M/K	30 - 150 %

Page 21 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80672
Client ID: N-54 5-6

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 22 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample InformationCustody InformationDateTimeMatrix:SOLIDCollected by:05/02/1215:30

Location Code: LBG-PCB Received by: LB 05/03/12 13:52

Rush Request: Standard Analyzed by: see "By" below

Laboratory Data SDG ID: GBB80662

Phoenix ID: BB80673

Project ID: SATIN

Client ID: N-83 0-1

P.O.#:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
TPH by GC (Extractable Produ	<u>icts)</u>						
Ext. Petroleum HC	35	11	mg/Kg	05/10/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/10/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	106		%	05/10/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/09/12		МН	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
OA/OC Surrogates							
% DCBP	130		%	05/09/12		MH	30 - 150 %
% TCMX	90		%	05/09/12		MH	30 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.26	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.26	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	ND	0.26	mg/Kg	05/10/12		DD	SW 8270

Page 23 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80673
Client ID: N-83 0-1

RL Parameter Result Units Date Time By Reference ND 0.26 05/10/12 DD Anthracene mg/Kg SW 8270 0.33 0.26 05/10/12 DD Benz(a)anthracene mg/Kg SW 8270 0.31 0.26 SW 8270 Benzo(a)pyrene mg/Kg 05/10/12 DD 0.43 0.26 05/10/12 Benzo(b)fluoranthene mg/Kg DD SW 8270 ND 0.26 05/10/12 Benzo(ghi)perylene mg/Kg DD SW 8270 ND Benzo(k)fluoranthene 0.26 mg/Kg 05/10/12 DD SW 8270 0.26 0.35 05/10/12 Chrysene mg/Kg DD SW 8270 ND 0.26 05/10/12 Dibenz(a,h)anthracene mg/Kg DD SW 8270 Fluoranthene 0.64 0.26 mg/Kg 05/10/12 DD SW 8270 ND 0.26 05/10/12 mg/Kg DD SW 8270 Fluorene ND 0.26 05/10/12 DD SW 8270 Indeno(1,2,3-cd)pyrene mg/Kg ND 0.26 05/10/12 Naphthalene mg/Kg DD SW 8270 0.44 0.26 05/10/12 Phenanthrene mg/Kg DD SW 8270 0.59 Pyrene 0.26 mg/Kg 05/10/12 DD SW 8270 **QA/QC Surrogates** 70 % 05/10/12 % 2-Fluorobiphenyl DD 30 - 130 % % Nitrobenzene-d5 75 % 05/10/12 DD 30 - 130 % 88 % % Terphenyl-d14 05/10/12 DD 30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 24 of 46 Ver 1

^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

Time

6 Executive Drive Farmington CT 06030

Matrix: SOLID Collected by: 05/02/12 15:31 Location Code: LBG-PCB Received by: LB 05/03/12 13:52

Rush Request: Standard Analyzed by: see "By" below

P.O.#: SDG ID: GBB80662

Phoenix ID: BB80674

Project ID: SATIN

Client ID: N-83 5-6

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	78		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
TPH by GC (Extractable 1	Products)						
Ext. Petroleum HC	220	25	mg/Kg	05/11/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/11/12		JRB	CT ETPH/8015
OA/QC Surrogates							
% n-Pentacosane	62		%	05/11/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	0.42	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.42	mg/Kg	05/09/12		МН	3540C/8082
PCB-1232	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.42	mg/Kg	05/09/12		MH	3540C/8082
OA/QC Surrogates							
% DCBP	95		%	05/09/12		MH	30 - 150 %
% TCMX	75		%	05/09/12		MH	30 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	0.7	0.59	mg/Kg	05/10/12		DD	SW 8270

Page 25 of 46 Ver 1

Project ID: SATIN Phoenix I.D.: BB80674

Client ID: N-83 5-6

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	1.1	0.59	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	2.2	0.59	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	1.8	0.59	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	2.4	0.59	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	0.9	0.59	mg/Kg	05/10/12		DD	SW 8270
Chrysene	1.9	0.59	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	4.6	0.59	mg/Kg	05/10/12		DD	SW 8270
Fluorene	0.75	0.59	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	0.59	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	4.2	0.59	mg/Kg	05/10/12		DD	SW 8270
Pyrene	2.9	0.59	mg/Kg	05/10/12		DD	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	88		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	79		%	05/10/12		DD	30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 26 of 46 Ver 1

^{*} Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request: Standard

P.O.#:

Custody Information Collected by:

Received by: LB

Analyzed by:

05/02/12 05/03/12

Date

14:18 13:52

Time

see "By" below

Laboratory Data

SDG ID: GBB80662

Phoenix ID: BB80675

SATIN Project ID:

Client ID: N-13 0-1

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	104		%	05/09/12		MH	30 - 150 %
% TCMX	89		%	05/09/12		МН	30 - 150 %

Page 27 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80675
Client ID: N-13 0-1

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 28 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Standard

Rush Request:

P.O.#:

Project ID:

Custody Information

Collected by: Received by:

Analyzed by:

LB

05/02/12 05/03/12

Date

14:20 13:52

Time

see "By" below

Laboratory Data

SDG ID: GBB80662 Phoenix ID: BB80676

SATIN

N-13 1-2 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	86		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.38	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	119		%	05/09/12		MH	30 - 150 %
% TCMX	99		%	05/09/12		МН	30 - 150 %

Page 29 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80676
Client ID: N-13 1-2

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 30 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information Custody Information Date Time 05/02/12 Matrix: **SOLID** Collected by: 14:22 **Location Code:** LBG-PCB Received by: LB 05/03/12 13:52

Analyzed by: Rush Request: Standard see "By" below

> **Laboratory Data** SDG ID: GBB80662

Phoenix ID: BB80677

SATIN Project ID: N-13 5-6

P.O.#:

Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.38	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	119		%	05/09/12		MH	30 - 150 %
% TCMX	94		%	05/09/12		MH	30 - 150 %

Page 31 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80677
Client ID: N-13 5-6

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 32 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Standard

Rush Request:

P.O.#:

Custody Information

Laboratory Data

Collected by: Received by:

Analyzed by:

LB

05/02/12 05/03/12

Date

14:24 13:52

Time

see "By" below

SDG ID: GBB80662 Phoenix ID: BB80678

SATIN Project ID:

N-13 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	58		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.54	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	115		%	05/09/12		MH	30 - 150 %
% TCMX	94		%	05/09/12		MH	30 - 150 %

Page 33 of 46 Ver 1 Project ID: SATIN Phoenix I.D.: BB80678
Client ID: N-13 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 34 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Standard

Rush Request:

P.O.#:

05/02/12 Collected by: 14:04 Received by: LB 05/03/12 13:52

Analyzed by: see "By" below

Laboratory Data

Custody Information

SDG ID: GBB80662

Time

Phoenix ID: BB80679

Date

SATIN Project ID:

Client ID: N-61 0.4-1/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.35	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/09/12		МН	3540C/8082
PCB-1260	1.8	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	125		%	05/09/12		MH	30 - 150 %
% TCMX	106		%	05/09/12		MH	30 - 150 %

Page 35 of 46 Ver 1

Client ID: N-61 0.4-1/N31

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 36 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Standard

Rush Request:

P.O.#:

Custody Information
Collected by:

Collected by: Received by:

LB

05/02/12 05/03/12

Date

14:06

05/03/1

13:52

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB80662 Phoenix ID: BB80680

Project ID: SATIN

Client ID: N-61 1-2/N31

Percent Solid 96 Soil Extraction SVOA BN Comple Extraction of CT ETPH Comple	eted	%	05/04/12 05/09/12	JL	E160.3
	eted		05/09/12		
Extraction of CT ETPH Comple				RB/F	SW3545
			05/09/12	BS/F	3545
Soxhlet Extraction for PCB Comple	eted		05/07/12	*/*	SW3540C
TPH by GC (Extractable Products)					
Ext. Petroleum HC 210	20	mg/Kg	05/15/12	JRB	CT ETPH/8015
Identification **		mg/Kg	05/15/12	JRB	CT ETPH/8015
QA/QC Surrogates					
% n-Pentacosane 67		%	05/15/12	JRB	50 - 150 %
PCB (Soxhlet)					
PCB-1016 ND	0.34	mg/Kg	05/09/12	МН	3540C/8082
PCB-1221 ND	0.34	mg/Kg	05/09/12	МН	3540C/8082
PCB-1232 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1242 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1248 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1254 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1260 2.6	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1262 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
PCB-1268 ND	0.34	mg/Kg	05/09/12	MH	3540C/8082
OA/OC Surrogates					
% DCBP 95		%	05/09/12	MH	30 - 150 %
% TCMX 77		%	05/09/12	MH	30 - 150 %
Polynuclear Aromatic HC					
2-Methylnaphthalene ND	2.4	mg/Kg	05/10/12	DD	SW 8270
Acenaphthene ND	2.4	mg/Kg	05/10/12	DD	SW 8270
Acenaphthylene ND	2.4	mg/Kg	05/10/12	DD	SW 8270

Page 37 of 46 Ver 1

Client ID: N-61 1-2/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	5.8	2.4	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	5.8	2.4	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	8.6	2.4	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	2.5	2.4	mg/Kg	05/10/12		DD	SW 8270
Chrysene	5.1	2.4	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	7.6	2.4	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	2.4	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	4.6	2.4	mg/Kg	05/10/12		DD	SW 8270
Pyrene	7.4	2.4	mg/Kg	05/10/12		DD	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	05/10/12		DD	30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 38 of 46 Ver 1

^{*} Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Laboratory Data

Collected by:
Received by:

Analyzed by:

LB see "By" below 05/02/12

Date

14:08

Time

05/03/12 13:52

SDG ID: GBB80662

Phoenix ID: BB80681

Project ID: SATIN

Client ID: N-61 2-3/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	79		%	05/09/12		MH	30 - 150 %
% TCMX	65		%	05/09/12		MH	30 - 150 %

Page 39 of 46 Ver 1

Client ID: N-61 2-3/N31

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 40 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Custody Information

Collected by:

Received by:

Analyzed by:

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

LB

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Standard

Rush Request: P.O.#:

see "By" below **Laboratory Data**

SDG ID: GBB80662

Time

14:10

13:52

Phoenix ID: BB80682

Date

05/02/12

05/03/12

SATIN Project ID:

N-61 3-4/N31 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	73		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.44	mg/Kg	05/09/12		МН	3540C/8082
PCB-1221	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.44	mg/Kg	05/09/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	67		%	05/09/12		MH	30 - 150 %
% TCMX	60		%	05/09/12		MH	30 - 150 %

Page 41 of 46 Ver 1

Client ID: N-61 3-4/N31

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 42 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by: Received by:

Analyzed by:

LB

05/02/12 05/03/12

Date

14:12 13:52

Time

see "By" below

Laboratory Data

SDG ID: GBB80662

Phoenix ID: BB80683

Project ID: SATIN

Client ID: N-61 5-6/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
TPH by GC (Extractable P	roducts)						
Ext. Petroleum HC	570	21	mg/Kg	05/11/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/11/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	111		%	05/11/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/10/12		KCA	3540C/8082
QA/QC Surrogates							
% DCBP	52		%	05/10/12		KCA	30 - 150 %
% TCMX	55		%	05/10/12		KCA	30 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	2.8	2.5	mg/Kg	05/10/12		DD	SW 8270

Page 43 of 46 Ver 1

Client ID: N-61 5-6/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Anthracene	3	2.5	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	8.8	2.5	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	7.3	2.5	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	9.9	2.5	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	3.6	2.5	mg/Kg	05/10/12		DD	SW 8270
Chrysene	7.9	2.5	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	16	2.5	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	2.5	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	13	2.5	mg/Kg	05/10/12		DD	SW 8270
Pyrene	15	2.5	mg/Kg	05/10/12		DD	SW 8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	05/10/12		DD	30 - 130 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 44 of 46 Ver 1

^{*} Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

LB

05/02/12 05/03/12

Date

14:14 13:52

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB80662

Phoenix ID: BB80684

Project ID: SATIN

Client ID: N-61 6-7/N31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	67		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1221	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1232	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1242	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1248	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1254	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1260	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1262	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
PCB-1268	ND	0.48	mg/Kg	05/10/12		KCA	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	05/10/12		KCA	30 - 150 %
% TCMX	98		%	05/10/12		KCA	30 - 150 %

Page 45 of 46 Ver 1

Client ID: N-61 6-7/N31

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 46 of 46 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2012

QA/QC Data

SDG I.D.: GBB80662

Way 10, 2012		<u> </u>	<u> </u>			301	G 1.D	GDDoC	0002	
Parameter	Blank	LC %		LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 200208, QC S	sample No: BB80661 (B	3B80662, BB80663, B	B80664. B	B80665	, BB80	666, BE	380667.	BB80668	3,	
BB80669, BB80670, BB806										
Polychlorinated Biphe	nyls - Solid									
PCB-1016	ND		108		57	60	5.1	40 - 140	30	
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND		108		73	56	26.4	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	55		96		47	51	8.2	30 - 150	30	
% TCMX (Surrogate Rec)	53		88		52	54	3.8	30 - 150	30	
Comment:										
Due to a Laboratory error the L	.CS recovery could not be	reported.								
QA/QC Batch 200209, QC S	iample No: BB80681 (F	3B80681, BB80682, B	B80683. B	B80684)					
Polychlorinated Biphe					,					
PCB-1016	ND		114		66	68	3.0	40 - 140	30	
PCB-1221	ND		114		00	00	3.0	40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1232 PCB-1242	ND							40 - 140	30	
PCB-1242 PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1254 PCB-1260	ND		88		83	67	21.3	40 - 140	30	
PCB-1262	ND		00		03	07	21.5	40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	47		80		62	54	13.8	30 - 150	30	
% TCMX (Surrogate Rec)	63		78		55	50	9.5	30 - 150	30	
Comment:	00		70		33	30	7.5	00 100	00	
Due to a Laboratory error the L	CS recovery could not be	reported								
•	,	•	D00/72 D	D00/74	DDOO	V 00 DE	2007.021			
QA/QC Batch 200234, QC S			B80673, B	B80674	, BB8U	108U, BE	380683)			
TPH by GC (Extractab										
Ext. Petroleum HC	ND	10		3.9	107	153	35.4	50 - 150	30	m,r
% n-Pentacosane	102	10	8 113	4.5	125	174	32.8	50 - 150	30	m,r
QA/QC Batch 200239, QC S	sample No: BB83320 (E	BB80665, BB80666, B	B80673, B	B80674	, BB80	680, BE	380683)			
Polynuclear Aromatic	HC - Solid									
2-Methylnaphthalene	ND	8:	83	0.0	91	78	15.4	30 - 130	30	
Acenaphthene	ND	8		0.0	84	79	6.1	30 - 130	30	
Acenaphthylene	ND	8:	82	1.2	83	79	4.9	30 - 130	30	
Anthracene	ND	8.		3.4	90	85	5.7	30 - 130	30	

QA/QC Data

SDG I.D.: GBB80662

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benz(a)anthracene	ND	88	88	0.0	90	85	5.7	30 - 130	30	
Benzo(a)pyrene	ND	80	80	0.0	82	77	6.3	30 - 130	30	
Benzo(b)fluoranthene	ND	96	90	6.5	99	86	14.1	30 - 130	30	
Benzo(ghi)perylene	ND	81	87	7.1	93	92	1.1	30 - 130	30	
Benzo(k)fluoranthene	ND	90	93	3.3	92	84	9.1	30 - 130	30	
Chrysene	ND	80	82	2.5	83	80	3.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	93	98	5.2	103	100	3.0	30 - 130	30	
Fluoranthene	ND	86	91	5.6	109	102	6.6	30 - 130	30	
Fluorene	ND	92	89	3.3	98	93	5.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	89	93	4.4	99	96	3.1	30 - 130	30	
Naphthalene	ND	86	86	0.0	90	75	18.2	30 - 130	30	
Phenanthrene	ND	87	88	1.1	91	87	4.5	30 - 130	30	
Pyrene	ND	90	94	4.3	120	112	6.9	30 - 130	30	
% 2-Fluorobiphenyl	71	76	75	1.3	70	69	1.4	30 - 130	30	
% Nitrobenzene-d5	77	84	86	2.4	83	77	7.5	30 - 130	30	
% Terphenyl-d14	93	110	116	5.3	139	130	6.7	30 - 130	30	m
Comment:										

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director May 16, 2012

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

Wednesday, May 16, 2012 **Sample Criteria Exceedences Report** Requested Criteria: GAM, RC GBB80662

Requeste	ed Criteria: GA	AM, RC		•		GBB80662	•				Factored	
SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	RL Criteria	Analysis Units
BB80665	LBG-PCB	\$8100SMR	2-Methylnaphthalene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	ND	1300	980	980	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Acenaphthylene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	15000	1300	8400	8400	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Phenanthrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	26000	1300	4000	4000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	68000	1300	5600	5600	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	60000	1300	4000	4000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	46000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	46000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Chrysene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	40000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	76000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	76000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	21000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(k)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	21000	1300	8400	8400	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	53000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	53000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	13000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Indeno(1,2,3-cd)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	13000	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Dibenz(a,h)anthracene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4500	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Dibenz(a,h)anthracene	mg/kg	СТ	Semivolatile Organic Comp	RES DEC (mg/kg)	4500	1300	1000	1000	ug/Kg
BB80665	LBG-PCB	\$8100SMR	Benzo(ghi)perylene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	13000	1300	4200	4200	ug/Kg
BB80665	LBG-PCB	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	1500	110	500	500	mg/Kg
BB80665	LBG-PCB	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1500	110	500	500	mg/Kg
BB80674	LBG-PCB	\$8100SMR	Phenanthrene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4200	590	4000	4000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2200	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	СТ	Semivolatile Organic Comp	RES DEC (mg/kg)	2200	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Chrysene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1900	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2400	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	СТ	Semivolatile Organic Comp	RES DEC (mg/kg)	2400	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1800	590	1000	1000	ug/Kg
BB80674	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	СТ	Semivolatile Organic Comp	RES DEC (mg/kg)	1800	590	1000	1000	ug/Kg
BB80679	LBG-PCB	\$PCB_SOXR	PCB-1260	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1800	350	1000	1000	ug/Kg
BB80680	LBG-PCB	\$8100SMR	2-Methylnaphthalene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	ND	2400	980	980	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Phenanthrene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	4600	2400	4000	4000	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Fluoranthene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	7600	2400	5600	5600	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Pyrene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	7400	2400	4000	4000	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5800	2400	1000	1000	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Benz(a)anthracene	mg/kg	СТ	Semivolatile Organic Comp	RES DEC (mg/kg)	5800	2400	1000	1000	ug/Kg
BB80680	LBG-PCB	\$8100SMR	Chrysene	mg/kg	СТ	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	5100	2400	1000	1000	ug/Kg

BB80683

LBG-PCB

\$ETPH SMR

Ext. Petroleum HC

Requested Criteria: GAM, RC

21

500

500

mg/Kg

570

RES DEC (ma/ka)

Sample Criteria Exceedences Report

GBB80662 Factored Criteria RL Analysis Factored SampNo LocCode Acode Phoenix Analyte Units ST State Category Criteria Name Result RLCriteria Criteria Units LBG-PCB BB80680 \$8100SMR Benzo(b)fluoranthene mg/kg Semivolatile Organic Comp GA/GAA PMC (mg/kg) 8600 2400 1000 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Benzo(b)fluoranthene mg/kg Semivolatile Organic Comp RES DEC (mg/kg) 8600 2400 1000 1000 ug/Kg BB80680 LBG-PCB \$8100SMR CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 2400 1000 Benzo(k)fluoranthene mg/kg 2500 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Benzo(a)pyrene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 5800 2400 1000 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Benzo(a)pyrene CT Semivolatile Organic Comp 5800 2400 mg/kg RES DEC (mg/kg) 1000 1000 ug/Kg LBG-PCB \$8100SMR BB80680 Indeno(1,2,3-cd)pyrene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) ND 2400 1000 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Indeno(1,2,3-cd)pyrene mg/kg CT Semivolatile Organic Comp RES DEC (mg/kg) ND 2400 1000 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Dibenz(a,h)anthracene Semivolatile Organic Comp GA/GAA PMC (mg/kg) ND 2400 1000 mg/kg 1000 ug/Kg BB80680 LBG-PCB \$8100SMR Dibenz(a,h)anthracene Semivolatile Organic Comp RES DEC (ma/ka) ND 2400 1000 1000 ug/Kg mg/kg LBG-PCB BB80680 \$PCB_SOXR PCB-1260 CT Pesticides, Pcb's, Tph, A RES DEC (mg/kg) 2600 340 1000 mg/kg 1000 ug/Kg BB80683 LBG-PCB \$8100SMR 2-Methylnaphthalene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) ND 2500 980 980 ug/Kg LBG-PCB BB80683 \$8100SMR Phenanthrene CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 13000 2500 4000 4000 mg/kg ug/Kg BB80683 LBG-PCB \$8100SMR Fluoranthene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 16000 2500 5600 5600 ug/Kg LBG-PCB BB80683 \$8100SMR Pyrene mg/kg Semivolatile Organic Comp GA/GAA PMC (mg/kg) 15000 2500 4000 4000 ug/Kg BB80683 LBG-PCB \$8100SMR Benz(a)anthracene CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 8800 2500 1000 ug/Kg mg/kg 1000 LBG-PCB 2500 BB80683 \$8100SMR Benz(a)anthracene CT Semivolatile Organic Comp RES DEC (mg/kg) 8800 1000 mg/kg 1000 ug/Kg BB80683 LBG-PCB \$8100SMR mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 7900 2500 1000 1000 ug/Kg Chrysene LBG-PCB BB80683 \$8100SMR Benzo(b)fluoranthene Semivolatile Organic Comp GA/GAA PMC (mg/kg) 9900 2500 1000 1000 ug/Kg mg/kg CT BB80683 LBG-PCB \$8100SMR CT Semivolatile Organic Comp 2500 Benzo(b)fluoranthene mg/kg RES DEC (mg/kg) 9900 1000 1000 ug/Kg BB80683 LBG-PCB \$8100SMR Benzo(k)fluoranthene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) 3600 2500 1000 1000 ug/Kg LBG-PCB Semivolatile Organic Comp BB80683 \$8100SMR Benzo(a)pyrene mg/kg GA/GAA PMC (mg/kg) 7300 2500 1000 1000 ug/Kg LBG-PCB BB80683 \$8100SMR CT Semivolatile Organic Comp 2500 1000 Benzo(a)pyrene mg/kg RES DEC (mg/kg) 7300 1000 ug/Kg BB80683 LBG-PCB \$8100SMR Indeno(1,2,3-cd)pyrene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) ND 2500 1000 1000 ug/Kg LBG-PCB Indeno(1,2,3-cd)pyrene RES DEC (mg/kg) BB80683 \$8100SMR CT Semivolatile Organic Comp ND 2500 1000 1000 mg/kg ug/Kg BB80683 LBG-PCB \$8100SMR Dibenz(a,h)anthracene mg/kg CT Semivolatile Organic Comp GA/GAA PMC (mg/kg) ND 2500 1000 1000 ug/Kg BB80683 LBG-PCB \$8100SMR Dibenz(a,h)anthracene CT Semivolatile Organic Comp RES DEC (mg/kg) ND 2500 1000 mg/kg 1000 ug/Kg BB80683 LBG-PCB \$ETPH SMR Ext. Petroleum HC mg/kg CT Pesticides, Pcb's, Tph. A GA/GAA PMC (mg/kg) 570 21 500 500 mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

ma/ka

CT Pesticides, Pcb's, Tph, A

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. Client: LBG-PCB Project Location: SATIN **Project Number:** Laboratory Sample ID(s): BB80662, BB80663, BB80664, BB80665, BB80666, BB80667, BB80668, BB80669, BB80670, BB80671, BB80672, BB80673, BB80674, BB80675, BB80676, BB80677, BB80678, BB80679, BB80680, BB80681, BB80682, BB80683, BB80684 **Sampling Date(s):** 5/2/2012 **RCP Methods Used:** ☐ 1311/1312
☐ 6010 ☐ EPH 7000 7196 7470/7471 8081 TO15 **✓** 8082 **✓** 8270 ETPH 9010/9012 □ VPH 8151 8260 For each analytical method referenced in this laboratory report package, were all ✓ Yes □ No specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP methodspecific Reasonable Confidence Protocol documents? Were the method specified preservation and holding time requirements met? ✓ Yes □ No EPH and VPH methods only: Was the VPH or EPH method conducted without 1b. ☐ Yes ☐ No **✓** NA significant modifications (see section 11.3 of respective RCP methods) 2. Were all samples received by the laboratory in a condition consistent with that ✓ Yes No. described on the associated Chain-of-Custody document(s)? Were samples received at an appropriate temperature (< 6 Degrees C)? 3. ✓ Yes □ No □ NA Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol 4. ✓ Yes □ No documents achieved? Were reporting limits specified or referenced on the chain-of-custody? 5a. ✓ Yes No. Were these reporting limits met? 5b. □ NA ☐ Yes ✓ No For each analytical method referenced in this laboratory report package, were results 6. ☐ Yes **☑** No □ NA reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents? Are project-specific matrix spikes and laboratory duplicates included in the data set? 7. ✓ Yes □ No □ NA Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. Date: Wednesday, May 16, 2012 Authorized Printed Name: Greg Lawrence Signature:

Position: Assistant Lab Director







RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

8270 Semi-volatile Organics:

Only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 05/10/12-2 (BB80666, BB80673)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko
Position: Chemist
Date: 5/10/2012

Instrument: Au-fid1 05/10/12-3 (BB80665)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/10/2012

Instrument: <u>Au-fid84 05/11/12-2 (BB80683)</u>

Initial Calibration (FID84 - ETPH 13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers:C36

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/11/2012

Instrument: <u>Au-xl1 05/11/12-2 (BB80674)</u>

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.







RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers:C36

Printed Name Jeff Bucko Chemist Date: 5/11/2012

QC (Batch Specific)

----- Sample No: BB83135, QA/QC Batch: 200234 -----

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PAH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem06 05/09/12-1 (BB80665, BB80666, BB80673, BB80674, BB80680, BB80683)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/BN_0501):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a D < 20. The following compounds had > 20% difference from the initial calibration: None.

Printed Name Damien Drobinski

Position: Chemist **Date:** 5/9/2012

Instrument: Chem06 05/10/12-1 (BB80665, BB80674, BB80680)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/BN_0501):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: None







RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a D < 20. The following compounds had > 20% difference from the initial calibration: None.

Printed Name Damien Drobinski

Position: Chemist **Date:** 5/10/2012

QC (Batch Specific)

----- Sample No: BB83320, QA/QC Batch: 200239 -----

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd2 05/08/12-1 (BB80664, BB80665, BB80666, BB80667, BB80668, BB80669,

BB80670)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/8/2012

Instrument: Au-ecd2 05/09/12-1 (BB80664, BB80665, BB80666, BB80667, BB80668, BB80669,

BB80670)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

Printed Name Keith Aloisa Position: Chemist Date: 5/9/2012

Instrument: Au-ecd3 05/09/12-1 (BB80683, BB80684)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/9/2012

Instrument: Au-ecd35 05/09/12-1 (BB80662, BB80663)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Keith Aloisa Position: Chemist Date: 5/9/2012

Instrument: Au-ecd5 05/08/12-1 (BB80671, BB80672)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/8/2012

Instrument: Au-ecd5 05/09/12-1 (BB80671, BB80672)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

Printed Name Michael Hahn Position: Chemist Date: 5/9/2012

Instrument: Au-ecd6 05/10/12-1 (BB80681)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/10/2012

Instrument: Au-ecd8 05/09/12-1 (BB80673, BB80674, BB80675, BB80676, BB80677, BB80678,

BB80679, BB80680, BB80681, BB80682)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/9/2012

QC Batch 00208 05/08/12 (BB80662, BB80663, BB80664, BB80665, BB80666,

BB80667, BB80668, BB80669, BB80670, BB80671, BB80672, BB80673, BB80674,

BB80675, BB80676, BB80677, BB80678, BB80679, BB80680)

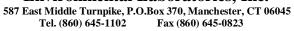
Due to a Laboratory error the LCS recovery could not be reported.

QC Comments: QC Batch 00209 05/08/12 (BB80681, BB80682, BB80683, BB80684)

Due to a Laboratory error the LCS recovery could not be reported.









RCP Certification Report

May 16, 2012

SDG I.D.: GBB80662

QC (Site Specific) Sample No: BB80681, QA/QC Batch: 200209
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria. QC (Batch Specific)
All LCSD recoveries were within 40 - 140 with the following exceptions: None.

	CH	AIN OF CUST	CHAIN OF CUSTODY RECORD	Temp	6 Pg 3 of 8
	587 East Mi	iddle Turnpike, P.O. Bo	587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040	Data Delivery:	
Environmental Laboratories, Inc.	Email: so	Email: service@phoenixlabs.com Fax (860) 644 Client Services (860) 645-8726	nm Fax (860) 645-0823 860) 645-8726	Email: D	X Email: DISNES DUBGCT COM
Customer: LS&	Proj	Project: Satur		Project P.O:	
Address:	Rep	Report to:	~c/	Phone #:	
	Invo	Invoice to:		Fax #:	
Client Sagole - Information - Identification					1 / / / 00
Sampler's		ysis ysis		1000	MOOD TOS
Signature	Date requ) J. J. Isar		Tropo	146/2/2/2017
Matrix Code:		300		10 10 CO	05/1/105/15/5/5/5/5/5/5/5/5/5/5/5/5/5/5/
SL=sludge		1000		Tell telle tellen	THOSE THOSE
Customer Sample Sample		0000		10 5 6 1 6 0 10 10 10 10 10 10 10 10 10 10 10 10 1	TO BE CONITY ST SOUND IN
	Sampled Sampled				*
M-14 (S.C.);					
-	+-				
80000 11-68 (0.1).	1350				
	 				
	1316 X				
80008 NG7 (1-2).	1311 X				
8000 cg 12-69 (5-6).	1312 X				
800070 N-54 (0.1).	/ 1202 X				
80671 NS4 (12).	1303 12				
80672 N-54 (5-6).	15x4 X				
\$100 \ (v)					
Relinguished by:	by. Date:	Time:	Turnaround: CT/RI	MA	Data Format
Affel Charles	UL 5/3/12	12:20	1 Day* RCP Cert.	MCP Cert.	K Excel
A My Kanacuse	5 613/12	1352	3 Days* GA Mobility	GW-2	GIS/Key
				S-1	☐ EQuIS
Comments, Special Requirements or Regulations:			Res. Vol.	S-2 S-3	Data Package
Ž	ample for	*.	* SURCHARGE Res. Criteria APPLIES	MWRA eSMART Other	ASP-A NJ Reduced Deliv. *
potential addit analyses	ses *		3000	7	☐ NJ Hazsite EDD ☐ Phoenix Std Report
			State Wnere samples were collected:	lected:	Other

	77.474					CHAI	N OF CUS	CHAIN OF CUSTODY RECORD	ORD	Tem	Temp (0 Pg + of 8	
		10E/VX			58.	7 East Middl	le Turnpike, P.O.	70,	ster, CT 06040	Data Delivery:	i i	<u>_</u>
	Environm	Environmental Laboratories,	ries, Inc.			Email: serv	Email: service@phoenixlabs.com Client Services (860)	6	Fax (860) 645-0823 645-8726		DJONES JLBGCT CON	8
	Customer:	あら				Project:		2		Project P.O.		
	Address:					Report to:	to: D. Since	المارية المارية		Phone #:		
						invoice to:				Fax#:		
		Client Sample - Information - Identification	tion - Identifica	ition	-						CATI	7
	Sampler's Signature			Date	-	Ariarysis Request	s to			ORENTS .	itioo i sosti	/
		1					3/2			10,165	14003/1407/39/7/30	\
	DW=drinking water	WW=wastewater	S=soil/solid O=other	-other			323			Tologia Cologia	140 CG / 1410 CG	
	GW=groundwater	SL=sludge	A =air			2				les parietres de la constitución	362	elito
	Phoenix Sample #	Customer Sample Identification	e Sample Matrix		Date Time Sampled Sampled					18 8 10 10 10 10 10 10 10 10 10 10 10 10 10	8 616 10 60 VIV 10 10 10 10 10 10 10 10 10 10 10 10 10	2
	80073	N-03(0-1)			620	i N				1		Τ
	41008	NE3 (5.6).			153)	Ø						
,	S0675	N-13 (0-1).			1418	×						
	80676	N-13 (1-2).			1420	×						
	20077	N-13 (S-6).			1422	×						
,	80018	N-13 (b-7).			1424	×						
	80679	N-61 (0.4-1)	/H-3/		1404	×						
	80680	N-61 (1-2) /	/H-3/		बं टमा	×						
	18008	N-61 (2-3)/A	/k-3/		1408	×						
\checkmark	80683	N-61 (3-4)/	14-3/		0141	×						
	80083	N-61 (S-6)/	/y-3/		1412	×				1		
	78008	1(t-9) 19-N	/H-3/ √	>	1417	×						
-	Relinquis	Selinquished by:	Acce	Accepted by	<u>Ω</u>	Date:	Time:	Turnaround:	CT/RI	MA	Data Format	
	Self of the self o		S)	III	3	2/2	12:20	1 Day*	RCP Cert.	MCP Cert.	Excel	
	Shew !	elle.	Ruad	186	Q	3/12	135a	3 Days*	GA Mobility	GW-2	GIS/Key	
								Standard	SW Protect.	S-1-8	EQUIS Other	
	Comments, Specia	Comments, Special Requirements or Regulations:	ations:					<u>;</u>]	Res. Vol.	8-33 8-33	Data Package	
	Plea	* Please How the remaining	II rema	1010g		i	•	* SURCHARGE APPLIES	Res. Criteria	MWRA eSMART	ASP-A NJ Reduced Deliv. *	
	Sample	samples for potential future	ential f	さな	analy	analyses 7	-			70	NJ Hazsite EDD	
	*all jars	*all jars marked N-31, times match (PP)	-31, time	is mas	Per Co	<u>(c)</u>		State where	State where samples were collected:	lected:	Other	

Bobbi - Phoenixlabs

From: Melanie Sheperd [Msheperd@lbgct.com]

Sent: Monday, May 07, 2012 12:16 PM

To: bobbi@phoenixlabs.com

Cc: Darrick Jones

Subject: RE: Chain with ID discrepancy

Hi Bobbi,

Please identify those samples as N-61 as we submitted samples for an N-31 on a different COC that were collected on 5.1.2012.

GBB 80062

Sorry for the confusion.

Thank you, Mel

Melanie Sheperd Senior Hydrogeologist Leggette, Brashears and Graham, Inc. 4 Research Drive, Suite 301 Shelton, CT 06484 P: 203-929-8555 F: 203-926-9140

From: Darrick Jones

C: 860-966-7000

Sent: Monday, May 07, 2012 12:08 PM

To: Melanie Sheperd

Subject: FW: Chain with ID discrepancy

From: Bobbi - Phoenixlabs [mailto:bobbi@phoenixlabs.com]

Sent: Friday, May 04, 2012 12:33 PM

To: Darrick Jones **Cc:** 'Bobbi - Phoenixlabs'

Subject: Chain with ID discrepancy

I checked the chains and there isn't anything else listed as N-61 or N-31. So let me know which these should be. Thanks!

Bobbi Aloisa Vice President Director of Client Services Phoenix Environmental Laboratories

Bobbi - Phoenixlabs

From: Darrick Jones [djones@lbgct.com]

Sent: Wednesday, May 09, 2012 10:36 AM

To: clientservices@phoenixlabs.com

Cc: Bobbi - Phoenixlabs

Subject: RE: Phoenix Labs - GBB80662, SATIN - COC Acknowledgement

Please Add PAHs and ETPH as follows:

N-61 (1-2) - 80030

N-61 (5-6) - 80683

N-83 (0-1) - 80 673

N-83 (5-6) - 80(074

N-68 (0-1) 80665 N-68 (5-6) 8000

From: clientservices@phoenixlabs.com [mailto:clientservices@phoenixlabs.com]

Sent: Monday, May 07, 2012 1:12 PM

To: Darrick Jones

Subject: Phoenix Labs - GBB80662, SATIN - COC Acknowledgement

Darrick,

Delivery group GBB80662 (SATIN) has been logged in for the following samples:

Phoenix Id	Client Id
BB80662	N-78 0-1
BB80663	N-78 5-6
BB80664	N-78 6-7
BB80665	N-68 0-1
BB80666	N-68 5-6
BB80667	N-69 0-1
BB80668	N-69 1-2
BB80669	N-69 5-6
BB80670	N-54 0-1
BB80671	N-54 1-2
BB80672	N-54 5-6
BB80673	N-83 0-1
BB80674	N-83 5-6
BB80675	N-13 0-1
BB80676	N-13 1-2
BB80677	N-13 5-6